What is claimed is:

1. A shallow mount, loudspeaker system with, substantially flat stiff part whereby; this stiff part is shaped so that; it allows a dual suspension system; that is separated by a predetermined distance; to be connected on its outer perimeters to a frame, while maintaining a minimum profile in its center part so that it does not interfere with a predetermined excursion; Whereby the stiff part is connected through means to a moving voice coil whereby this voice coil has a winding height of predetermined value; and moves inward and outward in a magnetic field with a predetermined gap and a predetermined height; so that the pre determined suspension, the predetermined voice coil height, and the predetermined gap at full excursion allows the predetermined stiff part to move to maximum/ minimum position while maintaining an electromagnetic coupling with the stationary part at full excursion while maintaining minimum mounting depth.

2. A shallow mount loudspeaker system as in claim 1 whereby the magnet assembly is placed inside the basket to maximize excursion and to minimize mounting depth.

3. A shallow mount loudspeaker system as in claim 1 whereby the magnet assembly is extended outward through rod so that it minimize mounting depth.

4. A shallow mount loudspeaker system as in claim 3 whereby the stiff part has a hollow center for the magnet assembly so that during maximum inward stroke and maximum outward stroke this stiff part limit the movement from damaging the voice coil and over excursion

5. A shallow mount loudspeaker system as in claim 1 whereby the stiff part allows more than two suspensions to connect to said frame.

6. A shallow mount loudspeaker system as in claim 5 whereby the magnet assembly is placed inside the basket to maximize excursion and to minimize mounting depth.

7. A shallow mount loudspeaker system as in claim 5 whereby the magnet assembly is extended outward through rod so hat it minimizes mounting depth.

8. A shallow mount loudspeaker system as in claim 7 whereby the stiff part has a hollow center for the magnet assembly so that during maximum inward stroke and maximum outward stroke this stiff part limit the movement from damaging the voice coil and over excursion.

9. A shallow mount loudspeaker system as in claim 1 whereby the inner suspension is made of porous material.

10. A shallow mount loudspeaker system as in claim 1 whereby the inner suspension is made of porous material.

11. A shallow mount loudspeaker system as in claim 1 whereby the frame is vented.